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|--|----------------------------|---|---|
| HISTORY KEPT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | ILLINOIS HIGHWAY INFORMATION SYSTEM STRUCTURE INFORMATION AND PROCEDURE MANUAL | |
| NBIS REQUIRED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | ITEM NAME UNDERWATER APPRAISAL RATING | ITEM NO. 93B1 PAGE 1 of 2 EFF. DATE 07/01/02 |
| | | ISIS | MMIS |
| RESPONSIBLE FOR UPDATE | District Local Roads | District Maintenance/Operations | |
| STRUCTURES | Local | State | |
| UPDATE SCREENS | (13) Underwater Inspection | (3) Underwater | |
| INQUIRY SCREENS | (5) Underwater Inspection | (3) Underwater | |

DESCRIPTION AND PURPOSE OF ITEM

This item indicates the condition of the underwater substructure units and the condition of the adjacent stream beds.

History is retained by this item based on each Inspection Date - Item 93B.

CODE AND SCREEN ENTRY INSTRUCTIONS

A one-digit code.

Leave blank if item does not apply.

| <u>Code</u> | <u>Condition</u> |
|-------------|---|
| 9 | EXCELLENT (New) |
| 8 | VERY GOOD - No problems noted. |
| 7 | GOOD - Small cracks in underwater units. Minor sedimentation or scour may have occurred near foundations. |
| 6 | SATISFACTORY - Moderate deterioration, spalls, cracking or leaching in underwater units. Moderate sedimentation or shallow, local scour may have occurred near foundations. |
| 5 | FAIR - Major deterioration, spalls with reinforcement exposed, cracking or leaching in underwater units. Major sedimentation or progressive scour becoming more prominent with a possibility of exposing the top of the footing, but no misalignment noted. |
| 4 | POOR - Structural deterioration of underwater units with extensive section loss, structural cracking or decay. Extensive scour or undermining of footing affecting the stability of the unit and requiring corrective action. |

ILLINOIS HIGHWAY INFORMATION SYSTEM

STRUCTURE INFORMATION AND PROCEDURE MANUAL

ITEM NAME **UNDERWATER APPRAISAL RATING**

| | |
|-----------|-----------------|
| ITEM NO. | 93B1 |
| PAGE | 2 of 2 |
| EFF. DATE | 07/01/02 |

| <u>Code</u> | <u>Condition</u> |
|-------------|--|
| 3 | SERIOUS - Severe deterioration of underwater units. Severe scour or undermining of footing affecting the stability of the unit. Settlement of the substructure may have occurred. Repairs or retrofits are in place to maintain structural adequacy, or load capacity posting has been reduced to maintain safety. |
| 2 | CRITICAL - Failure has occurred in underwater units. Scour is sufficient such that substructure is near a state of collapse. Unit has settled. Repairs or retrofits are in place and/or load capacity posting has been reduced to maintain safety. |
| 1 | IMMINENT FAILURE - Facility is closed, but can be brought back into service after repairs. |
| 0 | FAILED - Out of Service, beyond corrective action. |